K. Lacourciere

RAW SEQUENCE LISTING   DATE: 09/16/2002
PATENT APPLICATION: US/09/532,001   TIME: 10:07:22

Input Set : **N:\Crf3\RULE60\09532001P.RAW.txt**
Output Set: **N:\CRF4\09162002\I532001.raw**

SEQUENCE LISTING
C--> 3 (1) GENERAL INFORMATION:
    4   (i) APPLICANT: Goodwin et al.
    5   (ii) TITLE OF INVENTION: Production of Functional Proteins:
    6   Balance of Shear Stress and Gravity
    7 (iii) NUMBER OF SEQUENCES: 1
    8   (iv) CORRESPONDENCE ADDRESS:
    9   (A) ADDRESSEE: James M. Cate, NASA Johnson Space Center
   10   (B) STREET: 2101 NASA Road 1, Mail code: HA
   11   (C) CITY: Houston
   12   (D) STATE: Texas
   13   (E) COUNTRY: USA
   14   (F) ZIP: 77058-3696
   15   (v) COMPUTER READABLE FORM:
   16   (A) MEDIUM TYPE: 1.44 Mb floppy disk
   17   (B) COMPUTER: PC
   18   (C) OPERATING SYSTEM: Windows 95
   19   (D) SOFTWARE: Microsoft Word for Windows
   21   (vi) CURRENT APPLICATION DATA:
C--> 23   **(A) APPLICATION NUMBER: US/09/532,001**
C--> 24   **(B) FILING DATE: 21-Mar-2000**
   25   (C) CLASSIFICATION:
   27 (vii) PRIOR APPLICATION DATA:
   29   (A) APPLICATION NUMBER: 09/056,363
   30   (B) FILING DATE: April 7, 1998
   32   (A) APPLICATION NUMBER: 60/043,205
   33   (B) FILING DATE: April 8, 1997
   35 (viii) ATTORNEY/AGENT INFORMATION:
   36   (A) NAME: James M. Cate
   37   (B) REGISTRATION NUMBER: 25,181
   38   (C) REFERENCE/DOCKET NUMBER: MSC-22859-1
   39   (ix) TELECOMMUNICATION INFORMATION:
   40   (A) TELEPHONE: (281)483-1001
   41   (B) TELEFAX: (281)244-8452
   43 (2) INFORMATION FOR SEQ ID NO: 1
   44   (i) SEQUENCE CHARACTERISTICS:
   45   (A) LENGTH: 22 bp
   46   (B) TYPE: nucleic acid
   47   (C) STRANDEDNESS: single-stranded
   48   (D) TOPOLOGY: linear
W--> 49   (ii) **MOLECULE TYPE:**
   50   (A) DESCRIPTION: cDNA to mRNA
   51   (iii) HYPOTHETICAL: no

ENTERED

```
          RAW SEQUENCE LISTING                    DATE: 09/16/2002
          PATENT APPLICATION:  US/09/532,001      TIME: 10:07:22

              Input Set : N:\Crf3\RULE60\09532001P.RAW.txt
              Output Set: N:\CRF4\09162002\I532001.raw
```

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C--> 52       (iv) ANTI-SENSE: yes
W--> 53        (v) FRAGMENT TYPE:
     54       (vi) ORIGINAL SOURCE:
     55      (vii) IMMEDIATE SOURCE:
     56     (viii) POSITION IN GENOME:
     57       (ix) FEATURE:
     58        (x) PUBLICATION INFORMATION:
C--> 59       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
     60 CTGAGACCGA TATCGGTCTC AG    22
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/16/2002
PATENT APPLICATION: **US/09/532,001**   TIME: 10:07:23

Input Set : **N:\Crf3\RULE60\09532001P.RAW.txt**
Output Set: **N:\CRF4\09162002\I532001.raw**

<u>**Invalid Line Length:**</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 60,61,62,63,64

VERIFICATION SUMMARY   DATE: 09/16/2002
PATENT APPLICATION: US/09/532,001   TIME: 10:07:23

Input Set : **N:\Crf3\RULE60\09532001P.RAW.txt**
Output Set: **N:\CRF4\09162002\I532001.raw**

```
L:3 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:]
L:23 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:24 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:52 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:58 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1
L:59 M:220 C: Keyword misspelled or invalid format, [(xi) SEQUENCE DESCRIPTION: SEQ ID NO:]
L:59 M:246 W: Invalid value of Alpha Sequence Header Field, [FEATURE:], SeqNo=1
L:49 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:53 M:246 W: Invalid value of Alpha Sequence Header Field, [FRAGMENT TYPE:], SeqNo=1
```